

Blayde Omura

📍 San Francisco, California ✉ bmomura@dons.usfca.edu ☎ (808) 722-0683 in Blayde Omura

🐙 github.com/blaydeomura

EDUCATION

B.S., Computer Science

University of San Francisco

2020 – 2024

San Francisco, CA

- GPA: 3.82; Dean's Honor Roll (2020-2022)
- Coursework: Data Structures and Algorithms, C and Systems Programming, Computing Mobile Apps, Discrete Math, Calculus, Introduction to Computer Science I & II
- Association for Computing Machinery: student led organization that promotes the study and advancement of computer science through various events, peer tutoring, and other activities

PROGRAMMING LANGUAGES

- Proficient in Java, Advanced beginner in C, Beginner in Python and Thunkable

PROJECTS

Website Crawler

Back End Software Developer

- Constructed a Java web crawler that swiftly processes and filters a user-specified URL using a customizable property file
- Analyzed and summarized statistical information about the crawl, including the most common words, the longest words, and the total number of words processed, using various Java libraries such as JSoup

Actor's Movie Wall

Back End Software Developer

- Created a Java program that efficiently searches a CSV file of 5000 popular movies using a binary search algorithm, and displays an actor's filmography
- Developed a simple user interface and recommendation algorithm using custom logic to enhance actor searches to provide alternative results when an actor is incorrectly requested

Climate Data Analysis

Back End Software Developer

- Utilized the speed and power of C to effectively process and analyze vast amounts of weather data the NOAA's North American Mesoscale Forecast System
- Precisely formatted and presented the results in the specified manner, including eleven lines of data for each state, such as average humidity, temperature, and lightning strikes

Birthday Database

Back End Software Developer

- Crafted a Java program that utilizes object-oriented programming, interfaces, and polymorphism to organize and maintain a birthday database
- Facilitated the program with the ability to read from and write to a text file, allowing for persistent storage and access to the database even after the program terminates

PROFESSIONAL EXPERIENCE

Resident Advisor

University of San Francisco

Aug 2021 – present

San Francisco, CA

- Supervise and mentor 40+ students within dormitory living space and is available 24/7 to and additional 350+ residents to resolve issues regarding mental health, academics, social conflicts, etc.
- Develop leadership, communication, and problem-solving skills through coordinating 6 floor-wide events throughout the school year to foster relationships between residents, provide information to campus-wide resources, and curate an inclusive living environment

Search Engine Optimization Intern

Interrupt Media

May 2021 – Aug 2021

San Francisco, CA

- Leveraged search engine optimization strategies to enhance the Domain Ranking and online visibility of clients using Pitchbox's link building platform
- Sifted through hundreds of websites and sent out 50+ daily emails to prospectively connect Interrupt Media with partners and clients, effectively increasing business opportunities

Customer Service and Appointment Coordinator

State Farm

Dec 2020 – Aug 2021

Kahului, HI

- Engaged with clients daily through effective communication, regularly processing payments, and reviewing insurance opportunities while striving for customer satisfaction
- Learned the use of Salesforce's ECRM system to efficiently schedule appointments and meetings between an insurance agent and his clients, enhancing the customer experience and relationship management